

Odessa National Medical University
Faculty of Dentistry
Department of Surgical Dentistry

Syllabus course
Pediatric surgical dentistry

Amount	100 hours \ 3.3 credit
Semester, year of study	IX-X semesters, 5 years of study
Days, time, place	Cycle classes according to the schedule 8.30-16.00; Regional Clinical Dental Clinic (15 Torhova Street)
Teachers	Pasechnyk Alla Mykhailivna, Candidate of Medical Sciences, Associate Professor, Pasechnik Alexander Vladislavovich, Candidate of Medical Sciences, Associate Professor, Lungu Valeriy Ivanovych, Candidate of Medical Sciences, Associate Professor, Rozumenko Andriy Oleksandrovych, assistant, Dmitrieva Natalia Borysivna, Candidate of Medical Sciences, Associate Professor, Parasochkina Victoria Vladimirovna, Candidate of Medical Sciences, Assistant Ivanchenko Sergey Valerievich, assistant
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Workplace	Office 5,6,7 Regional Clinical Dental Clinic (15 Torhova Street)
Consultations	Eye consultations: Thursday from 14.30 to 18.00, Saturday 9.00-15.00 every week

Communication with students - face-to-face meetings, on line (zoom , google meet, T elegram)

COURSE ANNOTATION

The subject of study of the discipline are congenital and acquired diseases of the maxillofacial area in children (inflammatory diseases, traumatic injuries, tumors, congenital diseases).

Prerequisites and postrequisites of the course:

Disciplines	Know	Be able
<i>1</i>	<i>2</i>	<i>3</i>
<u>Histology</u>	Features of development and histological structure of jaws, alveolar process, soft tissues of the thyroid gland, enamel, dentin, tooth pulp in children.	Distinguish the histological structures of the organs of the tooth and the tooth
<u>Anatomy</u>	Features of soft tissues, bone structure , circulatory system, innervation of the maxillofacial area in children. Features of the structure of	Distinguish the main anatomical features and

	temporary and permanent teeth Features of the location of vascular-nerve bundles and their physiological openings on the bones depending on the age of the child.	structures of the soft tissues of the thyroid gland.
<u>Pediatrics</u>	The order of clinical examination of children. Principles of general treatment and medical examination of children.	Conduct a general clinical examination of the child. Indicate the features of the functioning of the child's body systems at different ages.
<u>Pharmacology</u>	Groups of drugs used in the complex treatment of children with soft tissue tumors. Drugs for antibacterial and anti-inflammatory therapy.	Choose drugs by pharmacological properties and purpose.
<u>Topographic anatomy and operative surgery</u>	Features of topography of the face and neck, localization of lymph nodes, salivary glands	Determine the topographic and anatomical boundaries of the face and neck, palpation of lymph nodes, salivary glands, temporomandibular joints
<u>Radiology and radiology</u>	Additional methods of research of tissues of SHLD. Methods of radiography, styling.	Be able to schedule the necessary examination of the child. Read and interpret the results of additional methods of examination.
Orthodontics	Timely prevention and elimination of dental-maxillary deformation	Carry out timely prevention of dental-maxillary deformation. Carry out the removal of dental-maxillary deformation.
Orthopedic dentistry	Timely provision of qualified treatment in the event of dental deformity.	Assign and treat dental and deformities (manufacture of removable and non-removable structures).

The purpose of the course

Training of a doctor who has mastered the theory and practice of all sections of pediatric surgical dentistry and the basics of maxillofacial surgery, the provision of qualified surgical dental care and emergency maxillofacial surgery.

Tasks of the discipline:

- teaching students the features of diagnosis, clinical manifestations, treatment and prevention of inflammatory diseases of soft tissues and facial bones,
- tumors and tumor-like formations of the maxillofacial area,
- traumatic injuries of soft tissues, teeth and jaws,
- congenital malformations of the lips and palate in children, anomalies of the bridges of the lips and tongue and prepare a doctor who is able to work in the treatment and prevention of dental institutions of various levels after the internship.
- analgesia of the maxillofacial area (maxillofacial area) in children; tooth extraction surgery, inflammatory processes of the thyroid gland in children;

Expected results:

As a result of studying the discipline, applicants for higher education should know:

- principles of examination of sick children: to know the importance of special and auxiliary examination methods for differential diagnosis of dental diseases, etiology and pathogenesis of major surgical dental diseases, their impact on the organs and systems of the child's body,
- clinical manifestations of dental pathology of the oral cavity and indications for the use of various treatments; prevention, clinic and treatment of inflammatory processes of the maxillofacial area, diseases of the temporomandibular joints,
- the main stages and methods of dental operations,
- issues of asepsis and antiseptics,
- principles and methods of anesthesiology, general and local anesthesia,
- to analyze the review, panoramic, targeted dental and control radiographs, tomograms, to develop a treatment plan and tactics,
- to establish the primary (preliminary) diagnosis on the basis of the analysis of the received results and to define indications to dental interventions

9. COURSE DESCRIPTION:

Forms and methods of teaching:

The course will be presented in the form of lectures (12 hours) and practical classes (56 hours), organization of independent work of students (32 hours).

During the teaching of the discipline the following methods are used: theoretical questioning, testing, solving situational problems with the help of interactive and multimedia technologies.

Course content:

Topic 1. Benign tumors of the soft tissues of the maxillofacial area in children.

Topic 2. Benign tumors and tumor-like neoplasms of the maxillofacial bones.

Topic 3. Neoplasms of the salivary glands.

Topic 4. Damage to the soft tissues, teeth and bones of the thyroid gland in childhood.

Topic 5. Congenital malformations of the maxillofacial area in children.

Topic 6. Congenital cleft palate

List of recommended reading

1. Хірургічна стоматологія та щелепно-лицева хірургія дитячого віку: підручник/ Харьков Л.В., Яковенко Л.М., Чехова І.Л.; за ред. Л.В.Харькова. – К.: ВСВ “Медицина”, 2015, 496 С.
2. Pediatric Oral and Maxillofacial Surgery: підручник /Харьков Л.В., Яковенко Л.М., Чехова І.Л.; за ред. Л.В.Харькова. – К.: ВСВ “Медицина”, 2015, 104 С.
3. Яковенко Л.М., Чехова І.Л., Єгоров Р.І., Алгоритми виконання стоматологічних маніпуляцій з дисципліни «Дитяча хірургічна стоматологія» до комплексного практично-орієнтованого державного іспиту зі стоматології. – К.: Книга-плюс, 2017. – 40 С.
4. Л.В.Харьков, Л.М.Яковенко, Л.О.Хоменко, Н.В.Біденко Осложнения заболеваний в хирургической и терапевтической стоматологии детского возраста. - ООО «Книга-плюс», 2014, 352 С.
5. Харьков Л.В., Яковенко Л.М., Чехова И.Л. Атлас хирургических стоматологических заболеваний у детей. - Киев.»Книга-плюс», «Ничлава»,2012 г., 501 С.
6. Москаленко В.З. Опухоли и опухолеподобные заболевания у детей.- Донецк.-2003.-95с.

EVALUATION

Methods of current control

Current control is carried out on the basis of daily control of theoretical knowledge, practical skills through oral interviews, computer testing. At the end of the discipline, the current performance is calculated as the average current score.

Forms and methods of final control

The form of final control is an oral exam. At the end of the 5th year students take a differential test. The theoretical part includes answers to questions in the ticket, solving a practical problem or solving test problems (30), reading radiographs, selection and explanation of the purpose of surgical instruments for surgery.

Independent work of students

In ydy students' independent work: preparation for practical classes and study topics are considered only in terms of self-learning, search and study of additional literature, writing essays, reports for performances with reports on workshops.

COURSE POLICY ("GAME RULES")

The student must acquire knowledge, perform all types of educational tasks, pass all types of educational control, attend all types and forms of classes provided for in the curriculum, avoiding omissions and delays.

Deadline and recompilation policy.

The student completes the missed lecture in the form of writing an abstract on the topic of the lecture. The student completes the missed practical lesson either in the form of writing an essay on the topic of the lesson, or by interviewing the regular teacher (twice a week on Thursday and Saturday).

Academic Integrity Policy

Adherence to academic integrity by students involves independent performance of educational tasks, tasks of current and final control of learning outcomes.

The use of prohibited auxiliary materials or technical means (cheat sheets, headphones, telephones, smartphones, etc.) during control activities is unacceptable in the educational activities of participants in the educational process; passing of procedures of control of results of training by fictitious persons.

For violation of academic integrity, the applicant may be held subject to the following academic liability:

- reduction of assessment results (exam, test, etc.),
- re-assessment (exam, test, etc.),
- appointment of additional control measures (additional individual tasks, tests, etc.),
- re-passing the relevant educational component of the educational program,
- deprivation of the right to participate in competitions for scholarships,
- deprivation of tuition benefits provided by the University,
- deductions from the university.

Attendance and lateness policy.

Absence of a student at lectures or practical classes is noted in the journal of visits in the form of a mark "nb", delay - "op". The student must work off the practical classes for 2 weeks.

Mobile devices

The student can use technical means (phones, smartphones, tablets) when compiling a test computer control.

Behavior in the audience. Active business atmosphere